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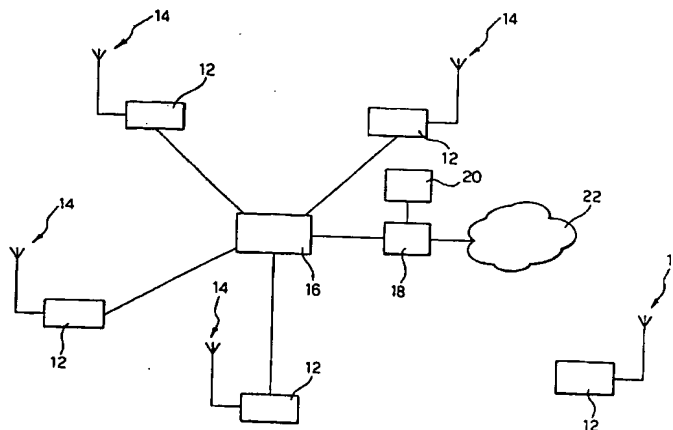
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(54) Title: A METHOD FOR CONFIGURING A COMMUNICATION NETWORK, RELATED NETWORK ARCHITECTURE AND COMPUTER PROGRAM PRODUCT THEREFOR



(57) Abstract: A communication network including a plurality (N) of antennas (14), is configured by: - including among the antennas (14) at least one (n) reconfigurable antenna adapted to serve communication traffic in a respective coverage area, the reconfigurable antenna having a radiation diagram exhibiting a plurality of selectively adjustable gain values for a set of directions, each direction in the set defining a propagation path between the antenna (14) and a portion of the coverage area, - determining, for each direction in the set, at least one value of communication traffic and at least one attenuation value over the propagation path, and - communication traffic and the attenuation value determined for that direction. The arrangement is adapted for use in communication networks such as second and third generation (3G) mobile communication networks employing electrically controllable antennas (14)

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